

6555311

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PCT/AU97/00520

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APPROVED	1.0. FIG. 10y
BY	SUBCLASS
DRAFTSMAN	5

669050" 02190660

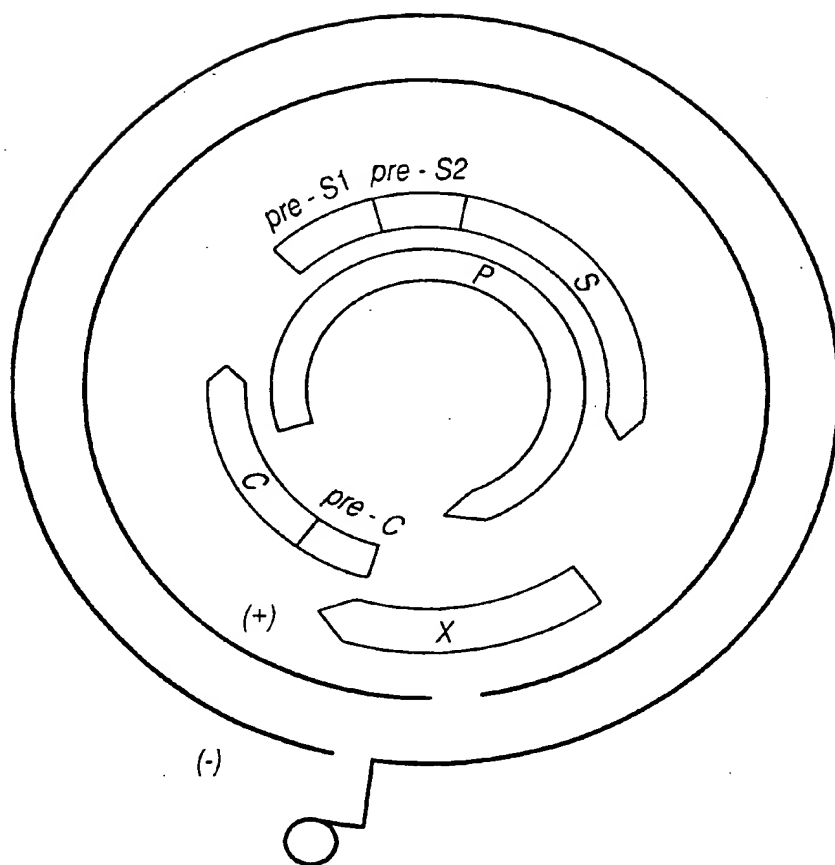


Fig. 1

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APPROV.	10.6.FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

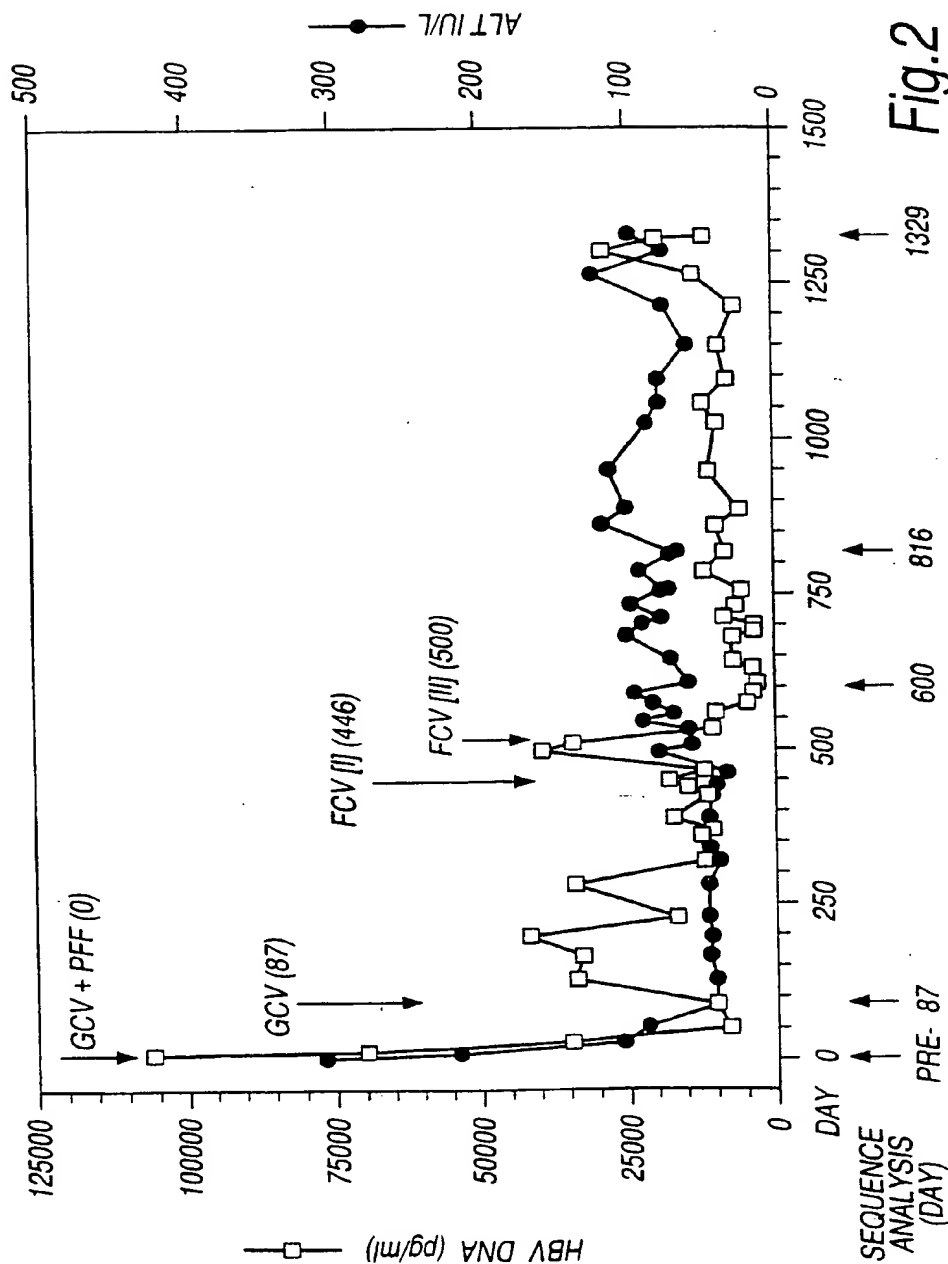


Fig.2

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APPROVED	00.FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

669690" 02H90E60

DOMAIN A  
(421) (437)  
 HBV (Pre-treatment) SDLSWLSLDVSAAFYH  
 HBV (Post-treatment) SDLSWLSLDVSAAFYH  
 WHV TDLQWLSLDVSAAFYH  
 HIV KKKSVTVLDVGDAYFS

DOMAIN B  
(498) (505) (519) (526) (529)  
 HBV (Pre-treatment) QTFGRKLHLYSHPIILGFRKIPMGVGLSPFLLAQFTSAICS  
 HBV (Post-treatment) QTFGRKLHLYSHPIILGFRKIPMGVGLSPFLMAQFTSAICS  
 WHV KTYGRKLHLLAHPFIMGFRKLFMGVGLSPFLLAQFTSALAS  
 HIV -----RYQYNVLPQGWKGSPAIFQSSMTKILE  
 HSV TTIGREMLL-ATREYVHAR-----WAAFEQLLADF--PEAA

DOMAIN C  
(546) (556)  
 HBV (Pre-treatment) AFSYMDDVVVLG  
 HBV (Post-treatment) AFSYMDDVVVLG  
 WHV VFAYMDDDLVLG  
 HIV IYQYMDDLYVG

Fig.3

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APPROVED	0.C. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

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665050" 02490660

## DOMAIN A

421      430      440      450  
 S<sup>N</sup><sub>D</sub>LSWLSLD VSAAFYH<sup>I</sup><sub>P</sub>PL HPAAMP<sup>I</sup><sub>LL</sub>V GSSGL<sup>S</sup><sub>D</sub>RYVA

460      470      480      490  
 RLSS<sup>T</sup><sub>N</sub>S<sup>R</sup><sub>N</sub>I<sup>\*</sup><sub>N</sub> N<sup>Y</sup><sub>H</sub>Q<sup>Y</sup><sub>R</sub>\*\*\*<sup>D</sup><sub>N</sub>LH<sup>D</sup><sub>S</sub>YCSR<sup>N</sup><sub>Q</sub>LYVS<sup>L</sup><sub>M</sub>LLY<sup>K</sup><sub>Q</sub>T<sup>Y</sup><sub>F</sub>G<sup>R</sup><sub>W</sub>

## DOMAIN B

500      510      520      530  
 KLHL<sup>Y</sup><sub>L</sub>A<sup>S</sup><sub>H</sub>PI<sup>I</sup><sub>V</sub> LGFRK<sup>I</sup><sub>L</sub>PMG<sup>V</sup><sub>G</sub> GLSPFL<sup>L</sup><sub>LA</sub>QF TSAI<sup>C</sup><sub>L</sub>S<sup>A</sup><sub>M</sub>T<sup>V</sup><sub>R</sub>C<sup>R</sup>

## DOMAIN C

540      550      560  
 AF<sup>F</sup><sub>P</sub>HC<sup>L</sup><sub>V</sub>A<sup>S</sup><sub>F</sub>Y MDD<sup>V</sup><sub>L</sub>MVLGA<sup>K</sup><sub>R</sub>T G<sup>E</sup><sub>H</sub>L<sup>S</sup><sub>R</sub>E<sup>S</sup><sub>F</sub>T<sup>A</sup><sub>S</sub>

## DOMAIN D

570      580      590      600  
 V<sup>T</sup><sub>I</sub>C<sup>S</sup><sub>V</sub>LL<sup>S</sup><sub>D</sub>VG<sup>I</sup><sub>L</sub>HLNP<sup>N</sup><sub>Q</sub>KTKRW GYSLNFMGY<sup>V</sup><sub>I</sub>I<sup>G</sup>

Fig.4

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APPROVED	O.C. FIG.	
DRAFTSMAN	CLASS	SUBCLASS

663030" 02490300

# DOMAIN B

(509) (512) (519) (526) (533)

<sup>S</sup><sub>A</sub>HPIT<sup>1</sup><sub>V</sub>LGFRK<sup>1</sup><sub>L</sub>PMG<sup>V</sup><sub>C</sub>GLSPFLLAQFTSAICS

HBV (consensus)

HBV (patient A) QTFGRK<sub>L</sub>HL<sub>L</sub>YSH<sub>P</sub>PI<sub>L</sub> GFRKIPMG<sub>L</sub>GL<sub>S</sub>LFLMAQFTSAICS  
 HBV (patient B) QTFGRK<sub>L</sub>HL<sub>L</sub>YSH<sub>P</sub>PI<sub>L</sub> GFRKIPMG<sub>V</sub>GL<sub>S</sub>PFLMAQFTSAICS  
 HBV (3TC 1) QTFGRK<sub>L</sub>HL<sub>L</sub>YSH<sub>P</sub>PI<sub>L</sub> GLRKIPMG<sub>V</sub>GL<sub>S</sub>PFLMAQFTSAICS  
 HBV (patient C-FCV) QTFGRK<sub>L</sub>HL<sub>L</sub>YSH<sub>P</sub>PI<sub>V</sub>L GFRKIPMG<sub>V</sub>GL<sub>S</sub>PFLLAQFTSAICS

# DOMAIN C

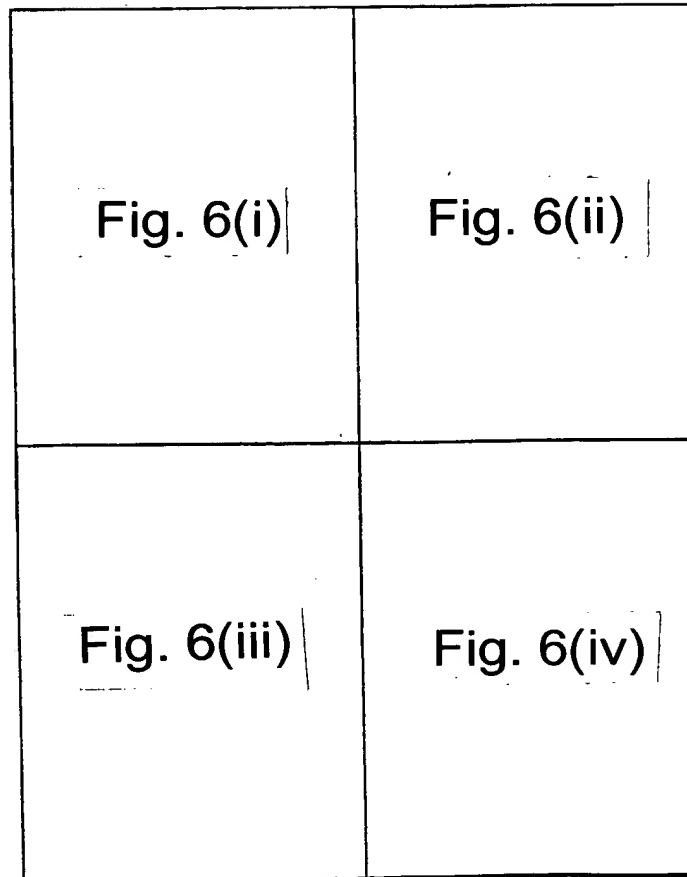
550 (559)

HBV (CONSENSUS) <sup>A</sup><sub>V</sub>F<sup>S</sup><sub>A</sub>YMDD<sup>V</sup><sub>LM</sub>VLGA<sup>K</sup><sub>R</sub>T<sup>S</sup>  
 HBV (patient A) AFSYMDD V VLG  
 HBV (patient B) AFSYMDD V VLG  
 HBV (3TC 1) AFSY<sup>V</sup><sub>I</sub>DD V VLG  
 HBV (patient C-FCV) AFSYMDD V VLG  
 HBV (patient C 3TC) AFSYMDD V VLGA<sup>K</sup><sub>T</sub>

Fig.5

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APPROVED	O.C. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

*Fig.6*

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APPROVED	FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

pol  
HBsAG

*	*	*	*	*	*
TCTTCCAATT	TGTCCTGGTT	ATCGCTGGAT			
S S N	L S W L	S L D			
L P I	C P G	Y R W M			

*	*	*	*	*	*
CATCCTGCTG	CTATGCCTCA	TCTTCTTATT			
H P A	A M P H	L L I			
I L L	L C L I	F L L			

*	*	*	*	*	*
CGTTTGTCTT	CTAATTCCAG	GATCAACAAC			
R L S	S N S R	I N N			
V C P	L I P	G S T T			

*	*	*	*	*	*
AGGCAACTCT	ACGTTTCCCT	CATGTTGCTG			
R Q L	Y V S L	M L L			
G N S	T F P	S C C C			

*	*	*	*	*	*
TATTCCCATC	CCATCGTCCT	GGGCTTTCGC			
Y S H	P I V L	G F R			
I P I	P S S	W A F A			

Fig.6 (i)

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APPROVED	O.G. FIG.	
	BY	SUBCLASS
DRAFTSMAN		

669090" 02490660

\* \* \* \* \*

GTGTCTGCGG CGTTTTATCA TATTCCTCTT

V S A A F Y H I P L>

C L R R F I I F L F>

\* \* \* \* \*

GGTTCTTCTG GATTATCAAG GTATGTTGCC

G S S G L S R Y V A>

V L L D Y Q G M L P>

\* \* \* \* \*

AACATGCAAA ACCTGCACGA CTCCTGCTCA

N M Q N L H D S C S>

T C K T C T T P A Q>

\* \* \* \* \*

TACAAAACCT ACGGAGAGAA ATTGCACCTG

Y K T Y G E K L H L>

T K P T E R N C T C>

\* \* \* \* \*

AAAATACCTA TGCGAGTGGG CCTCAGTCCG

K I P M G V G L S P>

K Y L W E W A S V R>

Fig.6 (ii)



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APPROVED	O.C. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

669090" 02H90E60

\* \* \* \* \*

TTTCTCTTGG CTCAGTTTAC TAGTGCCATT

F L L A Q F T S A I

F S W L S L L V P F

\* \* \* \* \*

TGTTTGGCTT TCAGCTATAT GGATGATGTG

C L A F S Y M D D V

V W L S A I W M M W

\* \* \* \* \*

GAGGCCCTTT ATACCGCTGT TACCAATTTT

E A L Y T A V T N F

R P F I P L L P I F

\* \* \* \* \*

AACAAAACAA AAAGATGGGG TTATTCCCTA

N K T K R W G Y S L

T K Q K D G V I P \*

\* \*

GGAACATTGC

G T L X>

E H C>

Fig.6 (iii)

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APPROVED	FIG.	SUBCLASS
BY	CLASS	
DRAFTSMAN		

\* \* \* \* \*

TGTTTCAGTGG TTCGTAGGGC TTTCCCCCAC

C S V V R R A F P H>

V Q W F V G L S P T>

\* \* \* \* \*

GTATTGGGGG CCAAGTCTGT ACAGCATCGT

V L G A K S V Q H R>

Y W G P S L Y S I V>

\* \* \* \* \*

CTTTTGTCTC TGGGTATACA TTAAACCCT

L L S L G I H L N P>

F C L W V Y I \* T L>

\* \* \* \* \*

AACTTCATGG GTTACATAAT TGGAAGTTGG

N F M G Y I I G S W>

T S W V T \* L E V G>

Fig.6 (iv)

009050" 02490260